Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 15 Dec 2023 until 23:59 on Saturday 16 Dec 2023

Forecast Issued on Friday 15 Dec 2023 at 02:10

Confidence: High for mild, largely settled conditions through the coming days, but lower for details of precipitation from Sunday night due to uncertainties regarding movement of a slow-moving band of rain.

Headline for Friday 15 Dec 2023: Cloudy and mostly dry with some bright spells, cloud increasing later. Windy.

Mountain weather hazards on Friday 15 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Cloudy	Cloudy	Fog	Fog
Precipitation probability					
10%	<05%	10%	10%	20%	30%

Forecast for Friday 15 Dec 2023

Weather: Rather cloudy at first, especially in the west where some patchy drizzle possible. Any low level mist and fog clearing to leave a mostly cloudy day with some bright or sunny spells. Best of any brightness is expected in the east. Cloud increases from the west this evening bringing, especially to western hills, an increased risk of drizzle this evening and overnight. Winds strengthening, becoming particularly windy at height with a risk of gales late on.

Chance of cloud-free hill tops above 600m: Around 90%. Lowering to 20% in the west this evening and 30% in the east.

Low cloud and visibility: Cloud is expected to largely remain above summits for much of Friday. An area of cloud is expected to edge southeast later, becoming more extensive with bases lowering to around 400-600m this evening. Bases may cover lower slopes towards Kinder Scout, with any breaks to the lee of mountains in the east. Visibility generally good or very good, but very poor in any early low level fog, and poor to very poor in drizzle later.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 15 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 W	17/24 SW	18/24 SW	19/25 SW	24/33 SW	28/38 SW	27/38 SW
300	13/21 SW	13/20 SW	13/20 SW	12/20 SW	16/25 SW	18/28 SW	17/28 SW
Valley	6/21 W	5/18 SW	7/18 SW	7/19 SW	9/23 SW	11/26 SW	12/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	2/-3	3/-2	4/-2	5/-0	7/1	6/1
300	5/1	4/0	5/1	6/3	7/3	8/4	8/5
Valley	4/2	4/1	6/3	6/4	7/4	8/5	9/6
Freezing Level*	1100m	1100m	1100m	2000m	2200m	1700m	2100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the higher routes despite rising temperatures as strengthening winds lead to wind chill. Windy conditions will make for fairly arduous walking on exposed routes; balance may be affected at times, especially after dark.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 15 Dec 2023	19.3mm	20.3mm	22.7mm

Forecast for Saturday 16 Dec 2023

Weather: Rather cloudy across the Peaks, especially further west where extensive cloud banks may obscure lower slopes. Cloud will be thick enough to produce, mainly light, rain and drizzle. Some drier and brighter spells likely in the east by day.

Maximum wind: Southwest 20-30mph, gusts 40mph possibly 50mph over higher peaks from late afternoon.

Chance of cloud-free hill tops above 600m: 20% or less in the west. 30% increasing 50% in the east.

Low cloud and visibility: Periods or persistent cloud above around 400-600m, but more occasional above 600m at times in the east. Visibility good outside of cloud, but moderate in rain and very poor in drizzle.

Temperature: **Valleys:** Plus 7 Celsius at dawn rising to 10 Celsius by day
At 600m: Around Plus 7 Celsius
Freezing level: Well above the summits.

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